

2010

Injury-related Emergency Dept. Visits MA Residents, Ages 65+ Years

In FY2010, there were **74,090** injury-related emergency department (ED) visits to adults ages 65 years and older. Approximately **1 in 12** persons in this age group were treated for an injury. Fall was the leading cause of injury-related ED visit for this age group.

| INJURY CAUSE | INJURY INTENT | | | | | Total Count | Percent of Total Count | Crude Rate per 100,000 |
|--------------------------------------|--------------------|-------------|---------|-------------------|------------------|-------------|------------------------|------------------------|
| | Uninten- tional | Intentional | | Undeter- mined | Other & Legal | | | |
| | | Self-harm | Assault | | | | | |
| Cut/pierce | 4,655 | 9 | 8 | <7 | 0 | 4,675 | 6.3 | 515.9 |
| Drowning/submersion | 9 | 0 | 0 | 0 | 0 | 9 | 0.0 | 1.0 |
| Fall | 40,091 | 0 | 0 | <7 | | 40,092 | 54.1 | 4,424.0 |
| Fire/burn | 537 | 0 | <7 | <7 | | 539 | 0.7 | 59.5 |
| Firearms | <7 | 0 | 0 | <7 | 0 | 7 | 0.0 | 0.8 |
| Machinery | 284 | | | | | 284 | 0.4 | 31.3 |
| Natural/environmental | 3,292 | 0 | | <7 | | 3,294 | 4.4 | 363.5 |
| Overexertion | 3,669 | | | | | 3,669 | 5.0 | 404.9 |
| Poisoning | 555 | 43 | 0 | 91 | 0 | 689 | 0.9 | 76.0 |
| Struck by, against | 5,143 | | 125 | | 7 | 5,275 | 7.1 | 582.1 |
| Suffocation/hanging | 89 | 0 | <7 | 0 | 0 | 91 | 0.1 | 10.0 |
| Transport Injuries: | 4,183 | 0 | <7 | <7 | 0 | 4,185 | 5.6 | 461.8 |
| <i>Motor vehicle traffic-related</i> | 3,747 | 0 | <7 | 0 | 0 | 3,748 | 5.1 | 413.6 |
| <i>Occupant</i> | 3,152 | | | | | 3,152 | 4.3 | 347.8 |
| <i>Motorcyclist</i> | 49 | | | | | 49 | 0.1 | 5.4 |
| <i>Pedal cyclist</i> | 22 | | | | | 22 | 0.0 | 2.4 |
| <i>Pedestrian</i> | 232 | | | | | 232 | 0.3 | 25.6 |
| <i>Other person</i> | 20 | | | | | 20 | 0.0 | 2.2 |
| <i>Unspecified person</i> | 272 | | | | | 272 | 0.4 | 30.0 |
| <i>Pedal cyclist, other</i> | 173 | | | | | 173 | 0.2 | 19.1 |
| <i>Pedestrian, other</i> | 39 | | | | | 39 | 0.1 | 4.3 |
| <i>Transportation, other</i> | 224 | 0 | 0 | <7 | 0 | 225 | 0.3 | 24.8 |
| Other specified & classifiable | 2,171 | <7 | 28 | 0 | 0 | 2,200 | 3.0 | 242.8 |
| Other specified, not classifiable | 1,076 | <7 | 63 | <7 | <7 | 1,153 | 1.6 | 127.2 |
| Unspecified | 5,447 | <7 | 40 | 299 | 0 | 5,791 | 7.8 | 639.0 |
| Adverse effects | | | | | | 301 | 0.4 | 33.2 |
| No cause or intent provided | | | | | | 1,836 | 2.5 | 202.6 |
| TOTALS | 71,207 | 64 | 268 | 405 | 9 | 74,090 | 100.0 | 8,175.5 |
| Injury ED Visit Rate by Intent | 7,857.4 | 7.1 | 29.6 | 44.7 | 1.0 | n/a | n/a | n/a |

Source: MA Emergency Department Discharge Database, MA Center for Health Information Analysis.

—Analysis is based on a fiscal year (October 1, 2009 - September 30, 2010).

—Rates are per 100,000 residents. Rates are not calculated on counts of less than five, and those based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data" based on ICD-9 codes. This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized and counts are excluded from the overall totals.

—Questions regarding the data presented here can be directed to the Injury Surveillance Program, MA Dept. of Public Health (617) 624-5648.

Data prepared by the Injury Surveillance Program, Bureau of Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health.
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